Sustaining Ecosystems Biome Setup

**AQUATIC ANIMALS MODEL**

1. Collect materials.
   1. (2) 1 pt jelly jars
   2. 3 aquatic snails
   3. 1 fish
   4. Distilled water
   5. Aquarium gravel
   6. Fish food
   7. Ammonia test strips
   8. Vernier interface
   9. pH probe
   10. dissolved oxygen probe
   11. temperature probe
2. Label a piece of blue tape with your last name and put it on the side of your container(s).
3. Cover the bottom of each container with aquarium gravel.
4. Fill the jar half way with water.
5. Make an observation table. You will be collecting data on the following items:
   1. pH of water
   2. dissolved oxygen in water
   3. temperature of water
   4. behavior of fish
   5. mortality of organisms
6. Test the pH, ammonia, temperature and dissolved oxygen of the water and record in your observation table.
7. Take one container to where the aquatic snails are. Carefully collect 3 snails and place them in your container. Take your snail habitat back to your lab station.
8. Take your other container to where the fish are. Carefully collect 3 fish and place them in your container. Take your fish habitat back to your lab station.
9. Place a pinch of food in the fish container.